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## Inventor Information for 10/730088

Inventor Name	City	State/Country
KOGANEZAWA, TOMOMI	HITACHI	JAPAN
INOUE, HIROSHI	MITO	JAPAN
KAWAIKE, KAZUHIKO	HITACHINAKA	JAPAN

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1	US 6001139 A	19991214	Nonaqueous secondary battery having multiple-layered negative electrode	29/623.3	429/137; 429/231.1; 429/231.95	Asanuma; Hiroyuki et al.
1	US 5995669 A	19991130	Image processing method and apparatus	382/237	358/1.9; 382/156; 382/162; 706/42	Shingu; Toshiaki et al.
1	US 5990859 A	19991123	Display device	345/103	345/100; 345/97	Inoue; Hiroshi et al.
1	US 5985480 A	19991116	Assembled batteries	429/65	429/158; 429/160	Sato; Kenji et al.
1	US 5969005 A	19991019	Ink for ink jet recording and ink jet recording method	523/161	106/31.86; 260/DIG.38; 347/100; 524/522; 524/523	Yamashita; Yoshiro et al.
1	US 5963457 A	19991005	Electrical power distribution monitoring system and method	700/291	340/870.03; 700/286	Kanoi; Minoru et al.
1	US 5953188 A	19990914	Electric apparatus having a synthetic resin upper cover and shield plate	360/137		Higuchi; Yoshio et al.
1	US 5952990 A	19990914	Display device with power-off delay circuitry	345/97	345/214	Inoue; Hiroshi et al.
1	US 5944740 A	19990831	Conductive device to be applied to skin and method of use thereof	607/1		Inoue; Hiroshi et al.
1	US 5920299 A	19990706	Color display panel and apparatus	345/88	345/84; 345/90; 349/144;	Ohshima; Masamichi et al.

					349/85	
1	US 5903253 A	19990511	Image data control apparatus and display system	345/694	345/698	Mizutome; Atsushi et al.
1	US 5897703 A	19990427	Hardening composition, hardened product, and method of producing hardened product	106/696	106/801; 106/802	Hatakeyama; Yuji et al.
1	US 5886197 A	19990323	Process for the preparation of .alpha.- tocopherol	549/411	549/408; 549/409; 585/600	Hirose; Noriyasu et al.
1	US 5883157 A	19990316	Ink jet recording ink and ink jet recording method	523/161		Yamashita; Yoshiro et al.
1	US 5875543 A	19990302	Coil type noise suppressing high voltage resistant wire	29/618	174/102SC; 29/610.1; 338/214; 338/270; 338/66	Fujimoto; Terutsugu et al.
1	US 5856041 A	19990105	Sealed secondary cell	429/182	429/184	Inoue; Hiroshi et al.
1	US 5849397 A	19981215	Aromatic polyimide film and polyimide/copper foil composite sheet	428/209	428/457; 428/473.5; 428/901; 528/188; 528/353	Kohno; Takashi et al.
1	US 5830599 A	19981103	Sealed rechargeable battery	429/163	429/120; 429/175; 429/58	Okamoto; Miho et al.
1	US 5824958 A	19981020	Noise suppressing, coil-type electrical cable resistant to high voltage	174/105R	174/120SC; 338/66	Higashikozono; Makoto et al.
1	US 5819130 A	19981006	Image-forming solution supply method and heating control method	396/571	355/27; 396/575; 396/626	Inoue; Hiroshi
1	US 5818410 A	19981006	Data processing system and apparatus having first and second graphic event data	345/98	345/684	Inoue; Hiroshi et al.
1	US 5818408 A	19981006	Liquid crystal apparatus	345/94	345/209; 345/96	Mihara; Tadashi et al.

1	US 5805149 A	19980908	Display control device and display apparatus with display control device	345/555	345/667; 345/694	Yuki; Osamu et al.
1	US 5804611 A	19980908	Composition used for hydrophilization and method for hydrophilization using said composition	523/122	524/166; 524/265; 524/377; 524/378; 525/113; 525/124; 525/128; 525/133; 525/162; 525/187	Takoh; Noboru et al.
1	US 5800942 A	19980901	Storage battery with ventilation system	429/148	429/120; 429/175; 429/177; 429/59	Hamada; Shinji et al.
1	US 5786422 A	19980728	Polyphenylene sulfide resin composition	525/64	525/189	Mizutani; Yosinobu et al.
1	US 5784043 A	19980721	Data processing system and apparatus with prioritized processing of first graphic event data and second graphic event data	345/100	345/672; 345/98	Inoue; Hiroshi et al.
1	US 5784037 A	19980721	Display system	345/87	345/660; 345/698	Inoue; Hiroshi
1	US 5777592 A	19980707	Liquid crystal apparatus	345/94	345/96	Mihara; Tadashi et al.
1	US 5766801 A	19980616	Layer built sealed alkaline storage battery	429/99	429/159; 429/206	Inoue; Hiroshi et al.
1	US 5760789 A	19980602	Method for processing and prioritizing display of data from various sources	345/501	718/103	Inoue; Hiroshi
1	US 5757352 A	19980526	Image information control apparatus and display device	345/101	345/99	Miyamoto; Katsuhiko et al.
1	US 5754153	19980519	Display apparatus	345/97	345/101	Mizutome; Atsushi et al.

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1	US 5752430 A	19980519	High pressure fuel supply pump for engine	92/129	417/471; 92/130R	Kawajiri; Chiaki et al.
1	US 5751277 A	19980512	Image information control apparatus and display system	345/565	345/534	Inoue; Hiroshi
1	US 5747572 A	19980505	Releasable aqueous coating composition and method of temporarily protecting finished coating film on automobile body by use of the same	524/265	524/276; 524/556	Kashiwada; Seiji et al.
1	US 5742261 A	19980421	Display control apparatus and display device with sampling frequency control for optimizing image size	345/3.3	345/699	Yuki; Osamu et al.
1	US 5739808 A	19980414	Display control method and apparatus	345/89		Suga; Kazumi et al.
1	US 5736241 A	19980407	Laminate	428/332	428/412; 428/473.5	Inoue; Hiroshi et al.
1	US 5728473 A	19980317	Adhesive polyimide siloxane composition employable for combining electronic parts	428/448	428/450; 428/458; 428/473.5	Inoue; Hiroshi et al.
1	US 5726679 A	19980310	Display system for selectively designating scanning lines having moving display data thereon	345/100		Kanno; Hideo et al.
1	US 5726675 A	19980310	Image information control apparatus and display system	345/97	345/99	Inoue; Hiroshi
1	US 5716667 A	19980210	Method of temporarily protecting finished coating film on automobile body	427/156	427/388.4; 524/102; 524/227; 524/228; 524/229; 524/336; 524/94; 524/99	Kashiwada; Seiji et al.

1	US 5705274 A	19980106	Charging member, process for producing charging member, and process cartridge having the charging member	428/411.1	399/168; 428/457; 428/458; 428/461; 428/465; 492/48; 492/53; 492/56	Inoue; Hiroshi et al.
1	US 5691740 A	19971125	Liquid crystal apparatus and driving method	345/96	349/34	Onitsuka; Yoshihiro et al.
1	US 5691002 A	19971125	Coating method	427/407.1		Oda; Hiroaki et al.
1	US 5684122 A	19971104	Composite material and process for production thereof	528/363	428/331; 428/402; 428/411.1; 524/444; 524/445; 524/447; 524/456; 524/504; 524/505; 524/508; 524/514; 524/538; 528/392	Inoue; Hiroshi et al.
1	US 5683500 A	19971104	Aqueous ink compositions and methods for their production	106/31.6	106/31.77; 106/31.78; 106/31.79; 106/31.8; 106/31.81; 106/31.9; 401/189	Kawasumi; Toshimitsu et al.
1	US 5681889 A	19971028	Hydrophilic crosslinked polymer fine particles and process for production thereof	524/502	524/32; 524/35; 524/503; 524/504; 524/506; 524/547; 525/100; 525/123; 525/165; 525/175; 525/205; 525/208;	Kondo; Masahiro et al.

					525/209; 525/218; 525/70; 525/72; 525/73; 525/74; 525/77; 525/78; 525/79; 525/80; 526/258; 526/279; 526/303.1; 526/89	
1	US 5678140 A	19971014	Reconditioning method for charging roller	399/109		Fuei; Naoki et al.
1	US 5677706 A	19971014	Data processing system and apparatus	345/100		Inoue; Hiroshi et al.
1	US 5675356 A	19971007	Driving apparatus	345/101	345/100	Ooki; Akiko et al.
1	US 5663376 A	19970902	Process for the preparation of .alpha.- tocopherol	549/411		Hirose; Noriyasu et al.
1	US 5657042 A	19970812	Data processing system and apparatus capable of inhibiting the storage of image data during partial rewriting	345/100		Inoue; Hiroshi et al.
1	US 5646646 A	19970708	Data processing system and apparatus processing scroll display data and cursor display data	345/684	345/98	Inoue; Hiroshi et al.
1	US 5642509 A	19970624	Data processing apparatus with event notification and picture drawing scheduling	719/318	715/835; 719/329	Ohshima; Masamichi et al.
1	US 5642128 A	19970624	Display control device	345/96	345/97	Inoue; Hiroshi
1	US 5635251	19970603	Wet-on-wet coating method	427/407.1	427/409	Oda; Hiroaki et al.

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1	US 5621058 A	19970415	Hydrophilic crosslinked polymer fine particles and process for production thereof	526/264	526/304	Kondo; Masahiro et al.
1	US 5615027 A	19970325	Liquid crystal apparatus and display system	349/87		Kuribayashi; Masaki et al.
1	US 5609930 A	19970311	Bag for packaging heavy materials	428/35.2	206/554; 383/32; 383/35; 428/143; 428/212; 428/213; 428/216; 428/330; 428/331; 428/35.7; 428/516	Matsunaga; Takashi et al.
1	US 5603303 A	19970218	High pressure fuel supply pump	123/508	123/509	Okajima; Masahiro et al.
1	US 5602562 A	19970211	Liquid crystal apparatus and driving method	345/101	345/97	Onitsuka; Yoshihiro et al.
1	US 5592968 A	19970114	Pressure supply device	137/561A	123/456	Nakashima; Tatsushi et al.
1	US 5592191 A	19970107	Display apparatus	345/97	345/94	Tsuboyama; Akira et al.
1	US 5585189 A	19961217	Pigment dispersion composition	428/461	106/412; 106/500; 427/528; 428/463; 524/376; 524/389; 524/786; 524/88	Inoue; Hiroshi et al.
1	US 5580928 A	19961203	Resin composition	525/205	525/207	Doi; Toru et al.
1	US 5579195 A	19961126	Power stoppage minimizing systems for distribution lines	361/62	361/115; 361/64; 361/66;	Nishijima; Kazuo et al.

			and methods of using a distribution line		361/93.1	
1	US 5576514 A	19961119	Coil type high-voltage resistive cable for preventing noise	174/110R	174/110FC; 174/120SC; 338/214	Fujimoto; Terutsugu et al.
1	US 5574611 A	19961112	Service interruption minimizing system for power distribution line	361/64	361/68; 361/69	Nishijima; Kazuo et al.
1	US 5574476 A	19961112	Data processing system and apparatus with graphic event priority levels for storage and retrieval of different graphic event data	345/100	345/684; 345/98	Inoue; Hiroshi et al.
1	US 5567134 A	19961022	High-pressure fuel-feed pump	417/490		Inoue; Hiroshi
1	US 5554455 A	19960910	Resealable safety vent and a sealed alkaline rechargeable battery provided with the safety vent	429/53	429/54	Inoue; Hiroshi et al.
1	US 5543817 A	19960806	Data processing system and apparatus	345/100	345/98	Inoue; Hiroshi et al.
1	US 5526015 A	19960611	Display apparatus having a display region and a non-display region	345/97	345/94	Tsuboyama; Akira et al.
1	US 5512119 A	19960430	Method of making a hybrid prepreg	156/171	156/174; 156/177; 156/179; 156/190; 156/191; 156/193	Takezawa; Makoto et al.
1	US 5506601 A	19960409	Liquid crystal apparatus	345/103	345/100; 345/94	Mihara; Tadashi et al.
1	US 5506600 A	19960409	Driving apparatus	345/101	345/100	Ooki; Akiko et al.
1	US 5489933 A	19960206	Field emission microcathode array and printer including the array	347/120	315/169.1; 315/169.3; 347/122; 347/129;	Betsui; Keiichi et al.



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1	US 5488388 A	19960130	Liquid crystal apparatus	345/97	345/208; 349/49	Taniguchi; Osamu et al.
1	US 5481274 A	19960102	Display control device	345/98	345/97	Aratani; Shuntaro et al.
1	US 5461855 A	19951031	Method and device for controlling combustors for gasturbine	60/776		Inoue; Hiroshi et al.
1	US 5452782 A	19950926	Temperature sensitive fluid-type fan coupling device	192/58.63	192/82T	Inoue; Hiroshi
1	US 5420603 A	19950530	Display apparatus	345/87	345/97	Tsuboyama; Akira et al.
1	US 5408247 A	19950418	Information processing apparatus and display system with simultaneous partial rewriting scanning capability	345/100	345/98	Enomoto; Aiko et al.
1	US 5398686 A	19950321	Magnetic resonance imaging apparatus	600/415	324/318; 600/421	Inoue; Hiroshi et al.
1	US 5397636 A	19950314	Hybrid laminated prepreg and ski pole shaft using the same	428/195.1	156/166; 156/243; 156/327; 156/494; 428/203; 428/205; 428/213; 428/35.9; 428/36.3; 428/36.9; 428/76	Miyao; Makiji et al.
1	US 5384391 A	19950124	Polyarylene sulfide and preparation thereof	528/377	528/378; 528/379; 528/388	Miyata; Hiroshi et al.
1	US 5384196 A	19950124	Polyarylene sulfide composite materials and preparation thereof	428/411.1	524/264; 524/265; 524/609; 528/373	Inoue; Hiroshi et al.
1	US 5360890 A	19941101	Refining of polyarylene sulfides	528/388	525/537; 528/373; 528/501	Tanaka; Shinji et al.

1	US 5359344 A	19941025	Data processing system and apparatus	345/100	345/98	Inoue; Hiroshi et al.
1	US 5357267 A	19941018	Image information control apparatus and display system	345/531	345/539; 345/98	Inoue; Hiroshi
1	US 5353137 A	19941004	Liquid crystal apparatus	345/97		Tsuboyama; Akira et al.
1	US 5353041 A	19941004	Driving device and display system	345/97	345/100	Miyamoto; Katsuhiko et al.
1	US 5350833 A	19940927	Process for production of polyarylene sulfides	528/388	525/537	Inoue; Hiroshi et al.
1	US 5345250 A	19940906	Data processing system and apparatus and display system with image information memory control	345/100	345/98	Inoue; Hiroshi et al.
1	US 5328579 A	19940712	Method for forming a paint film	204/488	204/500	Kasukawa; Takahisa et al.
1	US 5326630 A	19940705	Reinforcing fiber sheet, method of manufacturing the same, and method of reinforcing structure with the reinforcing fiber sheet	442/73	156/178; 156/327; 156/330; 442/180; 442/391; 442/415	Saito; Makoto et al.
1	US 5323614 A	19940628	Combustor for gas turbine	60/737	60/749; 60/760	Tsukahara; Satoshi et al.
1	US 5322865 A	19940621	Aqueous color paint compositions and coating method using same	523/501	524/457; 524/458; 524/501; 524/512; 524/513	Inoue; Hiroshi et al.
1	US 5321811 A	19940614	Information processing system and apparatus	345/520	345/531; 345/560; 345/97; 345/98	Kato; Takashi et al.
1	US 5317332 A	19940531	Driving apparatus for an electrode matrix suitable for a liquid	345/101	345/94	Kanno; Hideo et al.

			crystal panel			
1	US 5317068 A	19940531	Composition of tetraglycidyl, triglycidyl and diglycidyl epoxy resins	525/526	525/524; 525/527	Watanabe; Osamu et al.
1	US 5311030 A	19940510	Tape end detecting device for tape decks using center and side prisms for directing light	250/559.29	360/132; 360/74.6	Higuchi; Yoshio et al.
1	US 5308569 A	19940503	Process for the preparation of aromatic polyimide film	264/216	264/204; 264/236; 264/331.19; 264/331.21; 264/347; 528/188; 528/353	Hamamoto; Toshikazu et al.
1	US 5308430 A	19940503	Reinforcing fiber sheet, method of manufacturing the same, and the method of reinforcing structure with the reinforcing fiber sheet	156/307.1	156/307.3; 156/307.7; 442/20; 442/327	Saito; Makoto et al.
1	US 5286784 A	19940215	Poly(phenylene sulfide) resin composition	524/609	524/425	Inoue; Hiroshi et al.
1	US 5280878 A	19940125	Plate brick for sliding gate valve	251/326	222/600	Terao; Masaru et al.
1	US 5280054 A	19940118	Coating composition for use in hydrophilic treatment comprising an organic-inorganic composite reaction product	523/521	523/500; 524/493	Sakai; Shigeo et al.
1	US 5279879 A	19940118	Hybrid prepreg containing carbon fibers and at least one other reinforcing fiber in specific positions within the prepreg	428/110	428/113; 428/114; 428/220; 428/408; 428/902; 442/342; 442/343; 442/345	Takezawa; Makoto et al.
1	US 5264839	19931123	Display apparatus	345/98	345/530	Kanno; Hideo et al.

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1	US 5254617 A	19931019	Resin composition for producing a film and method for producing a film by using the same	524/433	264/211.12; 264/230; 428/216; 428/218; 428/516; 524/451; 525/240	Inoue; Hiroshi et al.
1	US 5253340 A	19931012	Data processing apparatus having a graphics device with priority scheduling of drawing requests	345/502	345/501	Inoue; Hiroshi
1	US 5252305 A	19931012	Process of recovering platinum group metal	423/22	502/22	Ezawa; Nobuyasu et al.
1	US 5239054 A	19930824	Treatment of polyarylene sulfide resins with zinc compound	528/485	528/388; 528/488	Muneto; Toshihiko et al.
1	US 5237022 A	19930817	Process for preparing polyphenylene sulfide resins	525/537	528/388	Tanaka; Shinji et al.
1	US 5233447 A	19930803	Liquid crystal apparatus and display system	345/97		Kuribayashi; Masaki et al.
1	US 5233446 A	19930803	Display device	345/87	345/95	Inoue; Hiroshi et al.
1	US 5229210 A	19930720	Method for forming a paint film	428/416	204/488; 204/501; 428/418	Kasukawa; Takahisa et al.
1	US 5219959 A	19930615	Production of poly(phenylene sulfide) of an improved reactivity	525/537	528/388	Inoue; Hiroshi et al.
1	US 5218018 A	19930608	Hydroxyl and carboxyl groups-containing resin with alicyclic polyepoxide	523/412	523/402; 523/403; 525/118; 525/438; 525/524	Tominaga; Akira et al.
1	US 5215598 A	19930601	Flexible photovoltaic device and manufacturing method thereof	136/251	136/259; 257/E31.042; 438/96	Kouzuma; Shinichi et al.
1	US	19930420	Machine for testing	73/7		Inoue; Hiroshi

	5203200 A		centrifugal load of bearing			et al.
1	US 5202271 A	19930413	Manufacturing method of photovoltaic device	438/64	136/244; 136/251; 148/DIG.28; 257/E31.042; 438/68	Kouzuma; Shinichi et al.
1	US 5201181 A	19930413	Combustor and method of operating same	60/737	60/747; 60/773	Ohmori; Takashi et al.
1	US 5198508 A	19930330	Resin compositions and molded articles	525/454	264/328.1; 264/328.6; 264/328.8; 525/455; 525/457; 528/49; 528/60; 528/61; 528/64; 528/74.5; 528/75; 528/76	Ueda; Hiroshi et al.
1	US 5195576 A	19930323	LSI cooling apparatus and computer cooling apparatus	165/80.3	165/185; 257/E23.099; 257/E23.103; 257/E23.105; 361/687	Hatada; Toshio et al.
1	US 5193960 A	19930316	Washer with elastic water-swellaable rubber	411/542	277/637; 277/650; 277/934; 285/925; 411/369; 411/902	Fukushima; Takuo et al.
1	US 5182549 A	19930126	Liquid crystal apparatus	345/97	345/209; 345/210; 348/766	Taniguchi; Osamu et al.
1	US 5180909 A	19930119	Optical pickup using diffracted light	250/216	250/201.5; 369/44.12	Ohyama; Minoru et al.
1	US 5180627 A	19930119	Heat resistant adhesive composition	428/214	428/416; 428/448; 428/450; 428/473.5; 525/431; 525/487; 525/523;	Inoue; Hiroshi et al.

					528/27; 528/33; 528/40; 528/41	
1	US 5172107 A	19921215	Display system including an electrode matrix panel for scanning only scanning lines on which a moving display is written	345/100	345/547; 345/682	Kanno; Hideo et al.
1	US 5172105 A	19921215	Display apparatus	345/97	345/103	Katakura; Kazunori et al.
1	US 5159830 A	19921103	Machine for testing centrifugal load of bearing	73/118.1	73/10	Inoue; Hiroshi et al.
1	US 5151495 A	19920929	Process for producing poly (para-phenylene-sulfide)	528/388		Inoue; Hiroshi et al.
1	US 5147943 A	19920915	Biphenyltetracarboxylic acid-derived polyimides with polyepoxides	525/423	525/504; 525/533	Inoue; Hiroshi et al.
1	US 5146558 A	19920908	Data processing system and apparatus	345/531	345/564	Inoue; Hiroshi
1	US 5139843 A	19920818	Elongated lightweight fiber reinforced composite resin pultrusion-formed piece	428/116	493/966; 52/793.11	Murakami; Shinkichi et al.
1	US 5139125 A	19920818	Temperature sensitive type fluid fan coupling apparatus	192/58.682	192/58.7; 192/58.8; 192/82T	Takikawa; Kazunori et al.
1	US 5133810 A	19920728	Flexible photovoltaic device and manufacturing method thereof	136/251	136/244; 257/E27.125; 257/E31.042; 438/67	Morizane; Masashi et al.
1	US 5130411 A	19920714	Two stage process for preparation of increased molecular weight polyarylene sulfides with water stage and poor solvent stage	528/388	528/222; 528/224; 528/226; 528/391; 528/481; 528/494; 528/497;	Tanaka; Shinji et al.

					528/498; 528/86	
1	US 5128444 A	19920707	Thermosetting resin composition and thermosetting dry film	528/353	428/473.5; 528/170; 528/179; 528/182; 528/188; 528/220; 528/222; 528/224; 528/229; 528/342; 528/352	Inoue; Hiroshi et al.
1	US 5127487 A	19920707	System and method for automatically controlling a vehicle speed to a desired cruise speed with a release function	180/179	123/352; 701/97	Yamamoto; Isao et al.
1	US 5127229 A	19920707	Gas turbine combustor	60/747	60/39.826	Ishibashi; Yoji et al.
1	US 5125491 A	19920630	Temperature sensitive type fluid fan coupling apparatus	192/58.681	192/58.8; 192/82T	Takikawa; Kazunori et al.
1	US 5124820 A	19920623	Liquid crystal apparatus	345/97	349/37	Tsuboyama; Akira et al.
1	US 5124433 A	19920623	Nitrogen-containing alkyd resin coating composition	528/272	525/437; 525/440; 525/442; 525/443; 525/452; 525/453; 528/295.5; 528/296; 528/303; 528/306; 528/308; 528/308.6; 528/335; 528/350	Inoue; Hiroshi
1	US 5122417 A	19920616	Fiber-reinforced composite resin pultrusion products and method of	428/371	428/298.4; 428/300.1; 428/377; 428/408;	Murakami; Shinkichi et al.

			manufacturing the same		428/902	
1	US 5120804 A	19920609	Easily crystallizable polyphenylene sulfide copolymer and preparation thereof	525/537	525/333.9; 525/535; 528/388	Inoue; Hiroshi et al.
1	US 5119920 A	19920609	Temperature-controlled fan fluid coupling	192/58.681	192/58.8; 192/82T	Inoue; Hiroshi
1	US 5113181 A	19920512	Display apparatus	345/84	345/100	Inoue; Hiroshi et al.
1	US 5109965 A	19920505	Temperature sensitive hydraulic fan coupling	192/58.62	192/58.681; 192/82T	Inoue; Hiroshi
1	US 5106881 A	19920421	Water base pigment ink compositions for use in marking pens	521/54	521/134; 521/139; 521/55; 521/70; 524/413; 524/432; 524/522	Inoue; Hiroshi et al.
1	US 5101949 A	19920407	Temperature sensitive fluid-type fan coupling device	192/58.61	192/58.681; 192/58.8; 192/82T; 192/84.3; 192/84.9	Takikawa; Kazunori et al.
1	US 5101779 A	19920407	Ceramic link	123/90.61	123/90.51	Bentz; Joseph C. et al.
1	US 5101398 A	19920331	Device for magnetically guiding movement of a moving body such as an optical head	720/667	310/90.5; 369/251; 369/255; 720/695	Inoue; Hiroshi et al.
1	US 5093155 A	19920303	Process for sizing reinforcing fiber by applying sulfone compounds containing sulfonyl groups and sized reinforcing fibers obtained thereby	427/177	427/178; 427/366; 427/367; 427/375; 427/385.5; 427/388.4; 427/388.5; 427/389.8; 427/392; 428/379	Miyazaki; Makoto et al.
1	US	19920225	Display apparatus	345/94	345/208;	Kanno; Hideo



	5091723 A		including partial rewriting means for moving image display		345/97	et al.
1	US 5091474 A	19920225	Epoxy resin curing agent based on blends containing dissecondary aromatic diamines	525/109	252/182.13; 525/481; 525/486; 525/504; 528/104; 528/108; 528/109; 528/113; 528/120; 528/123; 528/124; 528/220; 528/228; 528/229; 528/27; 528/332; 528/341; 528/407; 528/99	Murakami; Shinkichi et al.
1	US 5091346 A	19920225	Composition for producing ceramics	501/93	501/87; 501/88; 501/91; 501/92; 501/96.1	Inoue; Hiroshi et al.
1	US 5090533 A	19920225	Temperature-sensing type fluid fan coupling device	192/58.62	192/58.681; 192/58.8; 192/82T	Inoue; Hiroshi
1	US 5080195 A	19920114	Method of supplying lubricant and apparatus for the same	184/6.4	184/104.1; 184/6.1; 384/448; 384/463	Mizumoto; Muneo et al.
1	US 5069727 A	19911203	Flexible photovoltaic device and manufacturing method thereof	136/251	136/258; 136/259; 257/E31.042; 438/68; 438/96	Kouzuma; Shinichi et al.
1	US 5066945 A	19911119	Driving apparatus for an electrode matrix suitable for a liquid crystal panel	345/101	345/94	Kanno; Hideo et al.
1	US 5064015 A	19911112	System and method for automatically controlling vehicle	180/176	180/179	Yamamoto; Isao et al.

			speed to a desired cruise speed			
1	US 5058994 A	19911022	Liquid crystal apparatus	345/97	345/208	Mihara; Tadashi et al.
1	US 5058698 A	19911022	Cruise control system for automotive vehicle	180/179	123/350; 180/178; 477/108; 477/125; 701/110	Yoshida; Kiyoshi et al.
1	US 5055530 A	19911008	Epoxy resin-modified polyamide resin	525/423	525/420.5	Inoue; Hiroshi
1	US 5054280 A	19911008	Gas turbine combustor and method of running the same	60/776	60/733; 60/738; 60/747; 60/749	Ishibashi; Yoji et al.
1	US 5053463 A	19911001	Nitrogen-containing alkyd resin coating composition	525/427	525/38; 525/420; 525/519	Inoue; Hiroshi
1	US 5044835 A	19910903	Expansion joint for use in constructing concrete structures	405/287	404/74; 405/267; 52/396.02	Fukushima; Takuo et al.
1	US 5041821 A	19910820	Ferroelectric liquid crystal apparatus with temperature dependent DC offset voltage	345/101	345/94; 349/34; 349/37; 349/72	Onitsuka; Yoshihiro et al.
1	US 5040121 A	19910813	System and method for automatically controlling vehicle speed to desired cruise speed	701/93	123/352; 180/179	Etoh; Yoshiyuki et al.
1	US 5037953 A	19910806	Process for producing poly (para-phenylene-sulfide)	528/388	524/609	Inoue; Hiroshi et al.
1	US 5034735 A	19910723	Driving apparatus	345/96	345/209; 345/98	Inoue; Hiroshi et al.
1	US 5033822 A	19910723	Liquid crystal apparatus with temperature compensation control circuit	345/101	345/97; 349/72	Ooki; Akiko et al.
1	US 5032672 A	19910716	Process for preparing poly(phenylene sulfide)	528/388		Kato; Toshikazu et al.

1	US 5026767 A	19910625	Antistatic aromatic polyimide article	524/745	524/161; 524/170; 524/742; 524/743; 524/912	Inoue; Hiroshi et al.
1	US 5025379 A	19910618	System and method for automatically controlling vehicle speed to desired cruise speed using microcomputer	701/97	180/179	Etoh; Yoshiyuki et al.
1	US 5009536 A	19910423	Water base pigment ink compositions for use in marking pens	401/198	106/31.65; 521/134; 521/139; 521/54; 521/55; 524/413; 524/432; 524/522	Inoue; Hiroshi et al.
1	US 5001089 A	19910319	Aluminum nitride sintered body	501/98.4	501/152; 501/98.5; 501/98.6	Kasori; Mituo et al.
1	US 4985530 A	19910115	Thermosetting epoxy resin composition	528/103	525/524; 528/124	Murakami; Shinkichi et al.
1	US 4981947 A	19910101	Aromatic sulfideamide polymer and method for producing the same	528/364	528/125; 528/183; 528/337	Tomagou; Satoshi et al.
1	US 4980409 A	19901225	Aqueous matte coating composition	524/510	524/511; 524/512	Harakawa; Hiromi et al.
1	US 4974221 A	19901127	Method and apparatus for reproducing information by varying a sensitivity of a phase-locked loop in accordance with a detection state of a reproduced signal	369/44.32	369/44.34; 369/44.35	Hosoya; Hideki et al.
1	US 4964699 A	19901023	Display device	345/98		Inoue; Hiroshi
1	US 4963645 A	19901016	Terminal-modified imide oligomer and solution composition of the same	528/342	528/179; 528/182; 528/222; 528/224;	Inoue; Hiroshi et al.

					528/229; 528/352; 528/353	
1	US 4962376 A	19901009	Display control apparatus having a plurality of driving voltage supplying means	345/97	345/101	Inoue; Hiroshi et al.
1	US 4958003 A	19900918	Aromatic sulfideamide polymer and method for producing the same	528/364	524/404; 524/405; 524/419; 524/424; 524/433; 524/437; 524/444; 524/445; 524/447; 524/449; 524/451; 524/452; 525/432; 528/173; 528/191; 528/206; 528/207; 528/208; 528/210; 528/226; 528/337; 528/387; 528/388	Tomagou; Satoshi et al.
1	US 4952786 A	19900828	Information recording and reproducing apparatus having switching means for disabling control of medium drive by a phase locked loop in a playback mode	235/480	235/454; 235/476	Inoue; Hiroshi
1	US 4952032 A	19900828	Display device	345/101	349/72	Inoue; Hiroshi et al.
1	US 4942185 A	19900717	Water base pigment ink compositions for use in marking pens	521/54	521/134; 521/139; 521/55; 524/413;	Inoue; Hiroshi et al.

					524/432; 524/522	
1	US 4931365 A	19900605	Aromatic polyimide film having metallic surface	428/458	428/473.5; 428/901	Inoue; Hiroshi et al.
1	US 4930875 A	19900605	Scanning driver circuit for ferroelectric liquid crystal device	345/97		Inoue; Hiroshi et al.
1	US 4922241 A	19900501	Display device for forming a frame on a display when the device operates in a block or line access mode	345/98	345/97	Inoue; Hiroshi et al.
1	US 4918134 A	19900417	Process for partially curing polyarylene sulfides	524/609	524/425; 524/451; 528/481; 528/503	Kato; Toshikazu et al.
1	US 4914596 A	19900403	System and method for automatically controlling vehicle speed to desired cruise speed	701/97	123/352; 180/179	Etoh; Yoshiyuki et al.
1	US 4913198 A	19900403	System for automatic dispensation of dye solution	141/83	141/103; 141/153; 141/172; 141/237	Hayahara; Takuro et al.
1	US 4912179 A	19900327	Bisphenol A epoxy resin mixtures with aromatic di-secondary amine	525/524	525/504; 525/526	Murakami; Shinkichi et al.
1	US 4903344 A	19900220	Semiconductor memory device with staggered sense amplifiers	365/51	365/206; 365/207; 365/63	Inoue; Hiroshi
1	US 4898753 A	19900206	Process for the preparation of aromatic polyimide film	427/276	427/128; 427/379; 427/393.5; 428/473.5	Inoue; Hiroshi et al.
1	US 4895959 A	19900123	Purification of N-methyl-2-pyrrolidone	548/555		Kato; Toshikazu et al.
1	US 4888306 A	19891219	Method of manufacturing a bipolar transistor	438/331	148/DIG.11; 148/DIG.124; 257/754; 257/758;	Komatsu; Shigeru et al.

					257/765; 257/E21.004; 257/E21.297; 257/E23.019; 257/E23.122; 257/E23.132; 257/E23.134; 257/E29.146; 438/365; 438/564	
1	US 4884079 A	19891128	Image forming apparatus and driving method therefor	347/247	347/136; 349/3; 349/43; 349/58	Inoue; Hiroshi et al.
1	US 4883780 A	19891128	Aluminum nitride sintered body and preparation thereof	501/98.5	501/152; 501/98.6	Kasori; Mituo et al.
1	US 4869861 A	19890926	Process for producing a shaped and drawn aromatic imide polymer article	264/204	264/205; 264/210.1; 264/210.8; 264/211.17; 264/211.2; 264/234; 264/236; 264/345; 264/347	Inoue; Hiroshi et al.
1	US 4868275 A	19890919	Preparation of poly (arylene sulfide) from dihalo aromatic hydroxyl compound	528/212	528/125; 528/128; 528/214; 528/388	Kato; Toshikazu et al.
1	US 4863340 A	19890905	System for loading products of sheet glass	414/789.5	271/106; 294/65; 294/907; 414/728; 414/737; 414/798.5	Masunaga; Hiroaki et al.
1	US 4853299 A	19890801	Silicon carbide sintered body and method of manufacturing the same	428/698	264/658; 264/DIG.36; 423/345; 501/90	Mizutani; Toshiaki et al.
1	US 4845190 A	19890704	Process for preparing polyarylene sulfides with recovery of carboxylic acid	528/388	528/222; 528/226; 528/487; 528/493; 528/494;	Inoue; Hiroshi et al.

					528/496; 528/497; 528/86	
1	US 4840986 A	19890620	Process for producing a polyarylene sulfide	524/436	524/779; 525/537; 528/388	Inoue; Hiroshi et al.
1	US 4839217 A	19890613	Aromatic polyimide film	428/156	428/208; 428/323; 428/331; 428/458; 428/473.5; 428/847.8; 428/900	Tabata; Kanzo et al.
1	US 4830467 A	19890516	A driving signal generating unit having first and second voltage generators for selectively outputting a first voltage signal and a second voltage signal	345/94	345/97	Inoue; Hiroshi et al.
1	US 4827449 A	19890502	Semiconductor device	365/63	257/E23.151; 257/E27.085; 365/51	Inoue; Hiroshi
1	US 4821562 A	19890418	Signal monitoring apparatus	73/119A	324/76.12	Inoue; Hiroshi
1	US 4820801 A	19890411	Polyphenylene sulfide containing covalently bonded chlorine in a reduced amount	528/388	528/374	Inoue; Hiroshi et al.
1	US 4816819 A	19890328	Display panel	345/211	345/87	Enari; Masahiko et al.
1	US 4816501 A	19890328	Heat-sensitive color developable composition	523/406	523/409; 523/410; 523/426	Nomura; Tomohiko et al.
1	US 4795500 A	19890103	Photovoltaic device	136/244	136/251; 136/256; 136/258; 257/E27.125; 257/E31.042	Kishi; Yasuo et al.
1	US 4795239 A	19890103	Method of driving a display panel	345/87	345/96; 348/E3.015; 349/42; 359/900	Yamashita; Shinichi et al.
1	US	19881227	Process for producing	528/388		Inoue; Hiroshi

	4794163 A		a polyarylene sulfide with alkali metal salt of pyridine carboxylic acid catalyst			et al.
1	US 4794161 A	19881227	Process for producing a polyarylene sulfide with controlled ratio of alkali metal sulfide to water	528/388		Kato; Toshikazu et al.
1	US 4789729 A	19881206	Process for recovering a polyarylene sulfide	528/496	528/388; 528/493; 528/494; 528/495; 528/501	Nagira; Nobuo et al.
1	US 4781947 A	19881101	Sizing agent for carbon fibers	427/385.5	428/357; 428/368; 428/74; 525/328.7; 525/455; 528/75; 560/115; 560/132; 560/158; 560/25	Saito; Makoto et al.
1	US 4779086 A	19881018	Liquid crystal device and method of driving same	345/92	345/100; 345/205	Kanno; Hideo et al.
1	US 4779085 A	19881018	Matrix display panel having alternating scan pulses generated within one frame scan period	345/92	345/103; 345/205; 348/E3.015	Mizutome; Atsushi et al.
1	US 4778872 A	19881018	Polyamic acid solution composition and polyimide film made therefrom	528/176	525/436; 528/125; 528/183; 528/185; 528/187; 528/229; 528/329.1; 528/353	Sasaki; Yoshikazu et al.
1	US 4776676 A	19881011	Ferroelectric liquid crystal optical modulation device providing gradation by voltage gradient on resistive electrode	349/85	345/89; 345/97; 348/E3.015; 349/147; 349/172; 359/900	Inoue; Hiroshi et al.



1	US 4767147 A	19880830	Open-top vehicle body	296/180.1	280/756; 296/85	Kobayakawa; Takaharu et al.
1	US 4747671 A	19880531	Ferroelectric optical modulation device and driving method therefor wherein electrode has delaying function	349/85	345/97; 348/E3.015; 349/147; 349/37; 359/900	Takahashi; Tohru et al.
1	US 4724433 A	19880209	Matrix-type display panel and driving method therefor	345/208	345/87	Inoue; Hiroshi et al.
1	US 4707079 A	19871117	Liquid crystal panel having uniaxially-stretched substrates	349/158		Inoue; Hiroshi
1	US 4704196 A	19871103	Process for surface treatment of carbon fiber	205/646	204/DIG.8; 204/DIG.9; 205/107; 205/108; 205/138; 205/158; 205/658; 205/674; 205/768	Saito; Makoto et al.
1	US 4698786 A	19871006	Magnetic bubble memory device	365/39		Amatsu; Masashi et al.
1	US 4684578 A	19870804	Modified elastomer and laminate thereof	428/462	428/476.3; 428/476.9; 428/483; 428/518; 428/521; 428/522	Inoue; Hiroshi et al.
1	US 4680278 A	19870714	Process for preparing aluminum nitride powder	501/98.4	264/122; 423/412; 501/100; 501/92	Inoue; Hiroshi et al.
1	US 4668752 A	19870526	Linear ethylene copolymer	526/348.2	526/124.8; 526/124.9; 526/125.2; 526/125.4; 526/348.3; 526/348.4; 526/348.5; 526/348.6	Tominari; Kenichi et al.
1	US	19870310	Thermosetting alkyd	525/38	525/167.5;	Inoue; Hiroshi

	4649175 A		resin coating composition		528/288; 528/295.3; 528/295.5	et al.
1	US 4643531 A	19870217	Liquid crystal panel having an organic indium and/or organic zirconium orientation film	349/132	349/158	Inoue; Hiroshi
1	US 4634768 A	19870106	Halo-containing 3- methylflavone-8- carboxylic acid derivatives	544/151	544/376; 546/196; 548/525; 549/403	Inoue; Hiroshige et al.
1	US 4630942 A	19861223	Guiding apparatus	384/8	269/73; 384/12; 384/448	Tsumaki; Nobuo et al.
1	US 4619972 A	19861028	Modified elastomer and laminate thereof	525/193	428/461; 428/462; 428/518; 525/285; 525/301	Inoue; Hiroshi et al.
1	US 4615919 A	19861007	Liquid crystal device	428/1.53	349/122; 349/126; 349/132; 349/158	Inoue; Hiroshi et al.
1	US 4615863 A	19861007	Process for production of readily sinterable aluminum nitride powder	419/23	264/125; 264/332; 419/34; 419/45; 419/57; 423/409; 501/98.4; 501/98.5	Inoue; Hiroshi et al.
1	US 4592960 A	19860603	Production of polyolefin copolymer	428/461	428/355AC; 428/355EN; 428/483; 428/516; 428/517; 428/518; 525/66; 525/71; 525/74; 525/78	Inoue; Hiroshi et al.
1	US 4581619 A	19860408	Image forming apparatus	347/136	349/39; 349/42	Mizutome; Atsushi et al.
1	US	19860325	Method for	438/327	148/284;	Komatsu;

	4577397 A		manufacturing a semiconductor device having vertical and lateral transistors		257/E21.033; 257/E21.552; 257/E27.054; 257/E29.173; 438/336	Shigeru et al.
1	US 4572844 A	19860225	Method for preparing coated powder	427/180	419/35; 419/63; 419/64; 427/212; 427/215; 428/570; 501/100; 501/88; 501/89; 501/90	Inoue; Hiroshi et al.
1	US 4546795 A	19851015	Solenoid valve	137/624.15	251/129.05	Okamoto; Yoshio et al.
1	US 4545215 A	19851008	Refrigeration apparatus	62/216	236/80R; 62/498	Inoue; Hiroshi
1	US 4539298 A	19850903	Highly heat-conductive ceramic material	501/89	257/E23.009; 257/E23.113; 501/92; 501/98.5	Komeya; Katsutoshi et al.
1	US 4533732 A	19850806	3-Propionylsalicylic acid derivatives and process for the preparation of the same	544/172	514/869; 514/929; 544/399; 546/238; 548/573; 549/403; 560/53; 562/463	Inoue; Hiroshige et al.
1	US 4530958 A	19850723	Thermosetting metallic coating compositions	524/512	524/315; 524/441	Kasari; Akira et al.
1	US 4528329 A	19850709	Production of polyolefin copolymer	525/74	525/78	Inoue; Hiroshi et al.
1	US 4519638 A	19850528	Pipe joint	285/305	285/351; 285/382; 285/404	Yodoshi; Tatsuo et al.
1	US 4516147 A	19850507	Semiconductor device having a substrate covered with a high impurity concentration	257/756	257/554; 257/640; 257/E21.151; 257/E21.166	Komatsu; Shigeru et al.

			first polycrystalline layer and then a lower impurity concentration second polycrystalline layer			
1	US 4514370 A	19850430	Process for preparing silicon nitride powder	423/344	501/97.1	Inoue; Hiroshi et al.
1	US 4511525 A	19850416	Process for producing sintered silicon nitride-base body	264/655	501/97.2	Tsuge; Akihiko et al.
1	US 4510303 A	19850409	Ethylene-alpha-olefin-polyene random copolymer rubber	526/282	525/332.8; 526/169.2	Oda; Hidekuni et al.
1	US 4474551 A	19841002	Combustion apparatus	431/351	126/116R; 431/354	Iwai; Kazumi et al.
1	US 4473523 A	19840925	Process for continuously producing an aromatic polyimide film	264/211.2	264/204; 264/216; 524/323; 524/341; 528/183; 528/188; 528/353	Sasaki; Yoshikazu et al.
1	US 4470668 A	19840911	Reaction setting, polymer, sealing material for liquid crystal displays	349/153	349/155; 349/158; 525/478	Inoue; Hiroshi et al.
1	US 4460646 A	19840717	Adhesive resin composition and laminate thereof	428/344	156/334; 428/343; 428/355AC; 428/355EN; 428/355R; 525/193	Inoue; Hiroshi et al.
1	US 4453545 A	19840612	Endotracheal tube with movable endobronchial blocker for one-lung anesthesia	128/207.15	128/911; 604/101.05	Inoue; Hiroshi
1	US 4440911 A	19840403	Modified polyethylene and laminate thereof	525/301	428/461; 525/285; 525/309; 525/74; 525/78	Inoue; Hiroshi et al.
1	US 4435513 A	19840306	Sintered bodies of aluminum nitride	501/98.5		Komeya; Katsutoshi et al.

1	US 4428916 A	19840131	Method of making .alpha.-silicon nitride powder	423/344	423/406	Komeya; Katsutoshi et al.
1	US 4426498 A	19840117	Polyethylene composition comprising lldpe and rubber	525/240	525/211; 525/232	Inoue; Hiroshi et al.
1	US 4411952 A	19831025	Aromatic imide polymer laminate material and method for producing the same	428/332	427/372.2; 427/388.1; 428/215; 428/334; 428/336; 428/337; 428/458; 428/473.5	Sasaki; Yoshikazu et al.
1	US 4409933 A	19831018	Engine compartment cooling apparatus	123/41.12	123/41.49; 318/471	Inoue; Hiroshi
1	US 4409268 A	19831011	Liquid crystal display panels and process for their production	428/1.6	349/126; 349/132; 427/331; 427/335; 427/368	Inoue; Hiroshi et al.
1	US 4368180 A	19830111	Method for producing powder of .alpha.-silicon nitride	423/344	423/406; 501/97.1	Inoue; Hiroshi et al.
1	US 4338228 A	19820706	Polyolefin composition containing (a) filler (b) nucleating agent and (c) heat deterioration inhibitor	524/120	524/291; 524/305; 524/343; 524/350; 524/384; 524/531; 524/536; 525/78	Inoue; Hiroshi et al.
1	US 4325610 A	19820420	Sealing agent for plastic liquid crystal display panels	349/190	349/153; 359/900	Inoue; Hiroshi
1	US 4290936 A	19810922	Process for preparing polyimide solution	524/879	528/183; 528/353	Sasaki; Yoshikazu et al.
1	US 4264565 A	19810428	Method for producing powder of .alpha.-silicon nitride	423/344	423/406; 501/97.1	Inoue; Hiroshi et al.
1	US 4261393 A	19810414	Tire cord fabric suitable for reinforcement of	139/384R	139/408; 152/451; 152/548;	Saito; Shigeru et al.

			rubber articles		152/563; 156/134	
1	US 4226841 A	19801007	Method of producing silicon carbide powder	423/345	501/88	Komeya; Katsutoshi et al.
1	US 4224088 A	19800923	Method for manufacturing a semiconductor device	438/340	257/E21.151; 257/E21.166; 257/E21.316; 438/376; 438/549	Komatsu; Shigeru et al.
1	US 4205021 A	19800527	Ethylene copolymers	525/240	526/124.8; 526/348.2; 526/348.3; 526/348.4; 526/348.5; 526/348.6	Morita; Yoshinori et al.
1	US 4117095 A	19780926	Method of making .alpha. type silicon nitride powder	423/344	501/133; 501/97.1	Komeya; Katsutoshi et al.
1	US 4097293 A	19780627	Method for manufacturing heat- resistant reinforced composite materials	501/87	264/676; 501/88; 501/89; 501/92; 501/93; 501/96.4; 501/97.2; 501/98.4	Komeya; Katsutoshi et al.
1	US 4038477 A	19770726	Process for the production of polyolefin powder	528/487	528/488; 528/489; 528/491; 528/493; 528/495; 528/496; 528/497; 528/498; 528/499	Inoue; Hiroshi et al.
1	US 3969125 A	19760713	Heat resistive and reinforced composite material	501/97.2	264/332; 264/656; 264/676; 501/126	Komeya; Katsutoshi et al.
1	US 3930875 A	19760106	Pump member for molten metal	501/98.4		Ochiai; Toshihiko et al.
1	US 3918923 A	19751111	Wear resistant sintered alloy	75/230	418/178; 419/10; 419/11;	Inoue; Hiroshi

					75/231; 75/246	
1	US 3839139 A	19741001	LIGHT-OCCLUDING AND WATER- PERMEABLE SHEET	428/141	428/150; 428/198; 428/206; 47/9	Ito; Koujirou et al.
1	US 3653830 A	19720404	METHOD FOR MANUFACTURING ALUMINUM NITRIDE FIBERS	423/412	264/DIG.19	Komeya; Katsutoshi et al.
1	US 3604119 A	19710914	AUTOMATIC SURVEYING APPARATUS	33/773	33/366.11; 33/775	Inoue; Hiroshi